



BRTLED®



This Catalogue was printed
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without prior notice

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BRTLED®



Brighter LED Lighting Co., Ltd.

2023
PRODUCT GUIDE



ABOUT *Brighter LED*

BRTLED is an innovative national high-tech enterprise integrating research, design, production and sales of automotive and industrial LED lighting solutions widely applied for Off-road, Forestry, Mining, Agriculture, Heavy Duty Machinery, UTV, ATV, Marine etc.

BRTLED was established in 2013, rather than making imitated copies out of public mould, BRTLED has been dedicating to the investment of our own original designs, private tooling and patented technologies.

Our factory is located in High-Tech Song Xia Industrial Development Zone, Foshan City, It's equipped with the latest modernized production lines with automatic assembling facilities reaching 50,000pcs monthly production capacity. It is set up with independent electrical, optical, structural, electronics laboratories with internationally advanced testing facilities, bringing BRTLED lights to the highest light output performance and highest EMC/EMI level e.g.CISPR-Class5.

What makes BRTLED stand out in the led lighting industry relies in the whole team's professional knowledge and extensive skills, the never give-up efforts in the utilization of brand new technologies in optics, electronics, structure etc., the pursuit of perfection on craftsmanship, 100% multi inspection before each shipment, and the strong sense of responsibility to customers from whole BRT team.

Besides the ISO/IATF16949 quality control system, BRTLED had obtained 200+certificates and worldwide patents, e.g. DOT, AMECA, Emark (ECE R112/R10/R23/R65/R6/R7), CE, IP68, IP69K, ROHS,Vibration Tests, CISPR25-Class5,Chinese, European, American,Invention Patents for Design and technology etc.

By adhering to the concept of "Innovation makes the world brighter," BRTLED would base ourselves on the world level and continue to offer more and more unique and attractive products and services with enriched creativity and greatest efforts so as to best meet the demands of clients globally and to strive for the establishment of first class enterprise of "high efficiency, energy-saving, environmental protection and harmony".



Why *Brighter LED*?

Other than the fact that our lights are exceptionally high quality, the question everybody asks when it comes to LED lights is how many lumens does the LED light have, but the question should be, how many Lumens are projected forward?

What makes Brighter LED Lights different, is the utilization of brand new technologies listed below which are far more efficient ways to collect more lumens and project them forward making the brightness of lights superior to others; Meanwhile, these up-to-date technologies can ensure Brighter LED lights of their excellent performance and also extend their life time.

Unique & Self-Develoed Optical Systems:

- TIR technology(Total Internal Reflection)
- Projection Beam Structure
- Multi-Surface Optic Reflectors
- Unique Optic Systems mentioned above make the light transmittance over 90-95%
- "Three In One" Optical System(Patent protection)
- "Mini Fish Eye" Optical System.
- Reflector Facing Technology
- Multi-Surface Optic Lens

New Technologies Adopted

- ETM technology(Electronic Thermal Management)
- Freezing Resistance Technology
- Anti-flicker technology
- Utilization of waterproof Breather Valve
- Wind Resistance Reducing Technology
- Snow-Melt and Anti-icing System(patented technology)

Product Testing

- Electro Magnetic Interference
- Luminous Flux
- High and low temperature testing
- Lifespan
- Waterproof test
- Voltage Range
- Luminous Intensity
- Salt Spray Test
- Vibration
- EMC test

200+

- Certificates and Worldwide Patents

100%

- Multi-inspection Before Delivery

10+ Years

- Focus on Automotive Lighting Solutions

20+ /Year

- New Products or ODM/OEM Designs

ISO14001,9001/IATF16949

- Quality Control System

Comparison



Competitor's ECE-Compliant Beam Pattern



Brighter LED's ECE-Compliant Beam Pattern

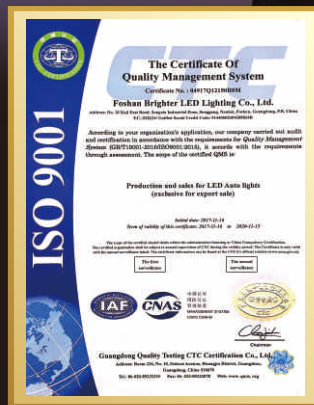
Brand orients from Quality and Creation!



CERTIFICATIONS

Brighter LED obtained ISO9001:2015/IATF16949:2016 Quality Manage System Certificate Of Conformity.

BRTLED lights have been approved for DOT, E8 (ECE-R112 / R7 / R6 / R65 / R10 / R23, ROHS, CE,IP68,CISPR25 and awarded patent certificates



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LED ANTI-ICING LIGHT

Working in the cold and freezing winter is no longer a problem! BRTLED apply the PATENT heating technology on those innovative LED Head Lamps and Work Lamp, fast and stable snow melting and anti-icing performance ensures the clean and safe driving and working condition for the vehicles and drivers.

Compared with traditional heating technology, we provide an invisible automatic design with more favorable light and beam output, appearance, the better waterproof and dustproof standard for customers. DOT/ECE certified means they are legal on road.

LED Anti-Icing Light

BLHL0415S2

BRTLED®



ANTI-ICING SYSTEM

Specifications:

- High Beam: 48W/ Low Beam: 24W
- Indicator: 12W / Park light: 3W
- High Beam: 1Lux @280m
- Low Beam: 1Lux @163m
- Input Voltage: 9-30V DC



Features:

- Reflector Facing Technology
- Dual Mount: Bottom/Back Mount
- Multi-directional mounting for Signal Light: Left/Right/Top Installation
- Snow-melt and anti-icing system(patented technology)
- Approved by DOT/ECE R112/R10/R7/R6



Part No.: BLHL0415S2



SHOWING



LED Anti-Icing Light



BLHL0415S/BLHL0408S



ANTI-ICING SYSTEM

Specifications:

- High Beam: 38W/ Low Beam: 20W
- Indicator: 20W / Park light: 1.5W
- High Beam: 1Lux @280m
- Low Beam: 1Lux @163m
- Input Voltage: 9-30V DC

Features:

- Reflector Facing Technology
- Dual Mount: Bottom/Back Mount
- Multi-directional mounting for Signal Light: Left/Right/Top Installation
- Snow-melt and anti-icing system(patented technology)
- Approved by DOT/ECE R112/R10/R7/R6



Part No.: BLHL0415S



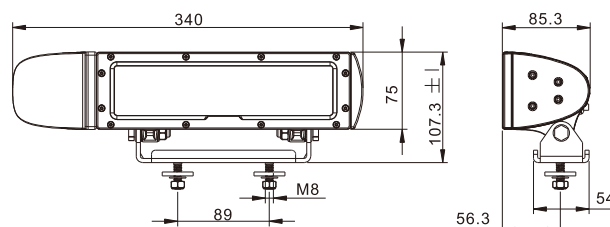
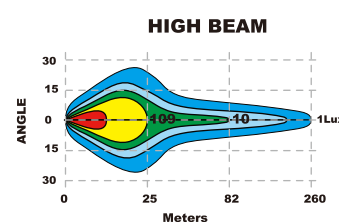
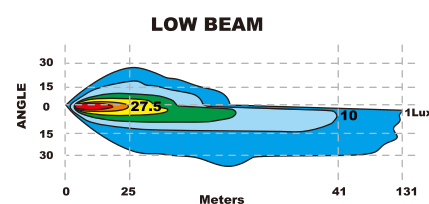
ANTI-ICING SYSTEM

Specifications

- High Beam: 38W / Low Beam: 20W
- Indicator: 18W / Parklight: 2W
- High Beam: 1Lux @260m
- Low Beam : 1Lux @131m
- Input Voltage: 9-30V DC

Features:

- Reflector Facing Technology
- Snow-melt and anti-icing system (patented technology)
- Approved by DOT/ ECE R112/ R10/ R7/ R6



Part No.: BLHL0408S

LED Anti-Icing Light



BLHF1015S/BL3601S



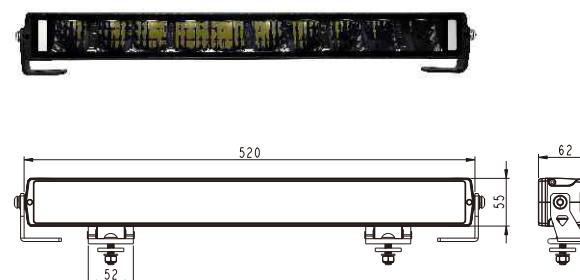
ANTI-ICING SYSTEM

Specifications

- LEDs: 10pcs * 15W LED
- Watt: 150W
- Raw Lumens: 14000lm
- 1 Lux @ 495m
- Input Voltage: 9-36V DC

Features:

- Reflector Optic System
- Driving beam + Park light
- Integrated ETM Technology
- Snow-melt and Anti-icing system (Patented technology)
- Approved by ECE R112/ R7/ R10/ CE



Part No.: BLHF1015S



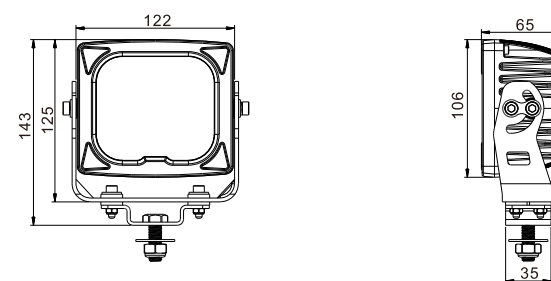
ANTI-ICING SYSTEM

Specifications

- LEDs: 36pcs*1.2W LED (LUMILEDS)
- Watt: 40W
- Raw Lumens: 5400lm
- 1Lux @87m
- Input Voltage: 9-30V DC
- Available Beam : Flood beam (45°)

Features:

- Optic system: Multi-surface tir lens (Light Transmittance>95%)
- EMC: CISPR 25 class 5
- Integrated ETM Technology (Electronic Thermal Management)
- Snow-Melt and Anti-icing System (patented technology)
- Approved by ECE R10



Part No.: BL3601S

SHOWING





LED DRIVING LIGHT

BRTLED driving lamps produce an ECE R112 conformed driving beam for the vehicles, with the innovative Side-reflecting optic lens and TIR optic lens, our lights provide a more penetrating light down to the road which decreases the glare to the coming vehicles and much brighter and clearer than the same watt lights in the market.

Hardened PC cover in the front, provides the IP68 waterproof & dustproof standard, extra anti-corrosion, and anti-scratch function. Park light is ingeniously added on the light, making the lights not only legal, safer but also cooler!

LED Driving Light



BL1205R(7") / BL1210R(9")



Part No.: BL1205R

Specifications

- LEDs: 12pcs*5W LED for driving light; 4pcs*1W LED for Park light
- Watt: 60w
- Raw Lumens: 5400lm
- 1Lux@437M(Spot beam)
- 1Lux@380M(Driving beam)
- Input Voltage: 9-36v DC
- Available Beam :Driving Beam,Spot Beam

Features:

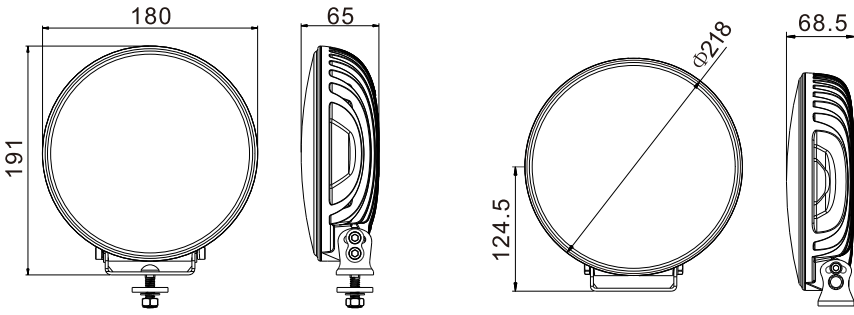
- Optic system: TIR Optic Lens System(Light Transmittance>95%)
- Driving light + Park light
- Oblique Front Cover can prevent accumulation of snow,dust etc.
- Sealed Deutsch connector
- Integrated ETM Technology
- Approved by ECE R112/R7/R10 / REF.30 / REF.37.5 / REF.50



Part No.: BL1210R

Specifications

- LEDs: 12pcs*10W for driving light; 4pcs*1W LED for Park light
- Watt: 120W
- Raw Lumens: 12000lm
- 1Lux@545M(Spot beam)
- 1Lux@425M(Driving beam)
- Input Voltage: 9-36V DC
- Available Beam: Driving Beam, Spot Beam



SHOWING



LED Driving Light



BLD0808R/BLD0815R



Part No.: BLD0808R

- Specifications:**
- LEDs: 4PCS*10W+4PCS*5W LED for Driving Light; 4PCS*1W LED for Park Light
 - Watt: 60w
 - Raw Lumens: 6000lm
 - 1Lux@406m
 - Input Voltage: 9-36V DC

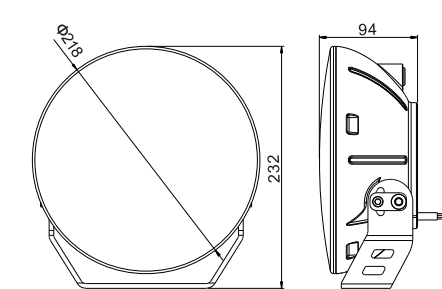
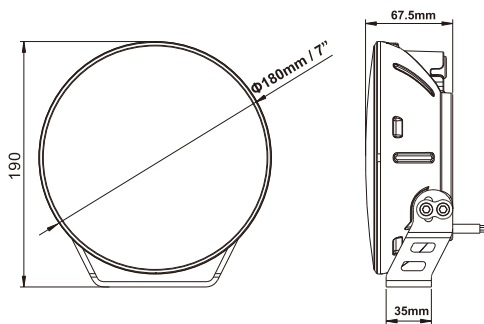
- Features:**
- Optic System: TIR Lens + Side Reflector
 - Driving Beam + Park Light
 - Oblique Front Cover can prevent accumulation of snow, dust etc.
 - Integrated ETM Technology
 - Approved by ECE R112/R7/R10



Part No.: BLD0815R

- Specifications:**
- LEDs: 4PCS*20W LED + 4pcs*10W LED for Driving Light; 4PCS*1W LED for Park Light
 - Watt: 120W
 - Raw Lumens: 12000lm
 - 1Lux@469m
 - Input Voltage: 9-36V DC

- Features:**
- Optic System: TIR Lens + Side Reflector
 - Driving Beam + Park Light
 - Oblique Front Cover can prevent accumulation of snow, dust etc.
 - Integrated ETM Technology
 - Approved by ECE R112/R7/R10 (REF.45)



SHOWING



LED Driving Light



BLD0425S/BLD0615S



Part No.: BLD0425S

- Specifications:**
- LEDs: 4PCS*25W LED for driving light; 4PCS*1W LED for Park Light
 - Watt: 100W
 - Raw Lumens: 10000lm
 - 1Lux@425m
 - Input Voltage: 9-36V DC

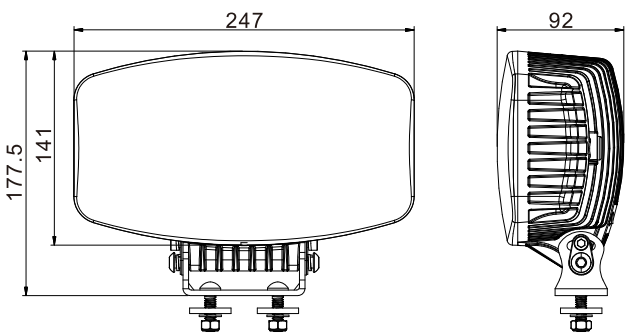
- Features:**
- Optic system: Side Reflector
 - Driving Beam+Park Light
 - Oblique Front Cover can prevent accumulation of snow, dust etc.
 - Integrated ETM Technology
 - Approved by ECE R112/R7/R10 (REF.37.5)



Part No.: BLD0615S

- Specifications:**
- LEDs: 2PCS*25W + 4pcs*10W LEDs for Driving Light; 4PCS*1W LED for Park Light
 - Watt: 90w
 - Raw Lumens: 10000lm
 - 1Lux@420m
 - Input Voltage: 9-36V DC

- Features:**
- Optic System: TIR Lens + Side Reflector
 - Driving Beam+Park Light
 - Oblique Front Cover can prevent accumulation of snow, dust, etc.
 - Integrated ETM Technology
 - Approved by ECE R112/R7/R10 (REF.37.5)



SHOWING



LED Driving Light



BLD1906R/BLD3705R

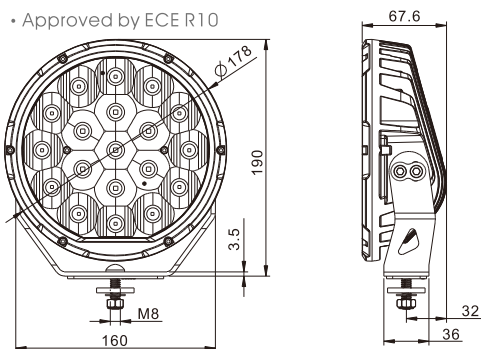


Specifications:

- LEDs: 7pcs*10W+12pcs*3W LEDs
- Watt: 106W
- Raw Lumens: 11000lm
- 1Lux@538m
- Input Voltage: 9-36V DC

Features:

- Reflector Optic system
- Driving Beam
- Integrated ETM Technology
- Approved by ECE R10



Part No.: BLD1906R

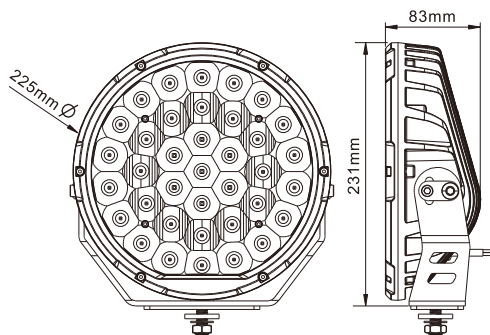
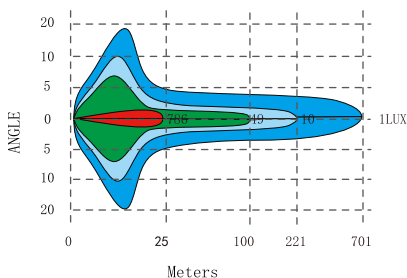


Specifications:

- LEDs: 7pcs*10W+30pcs*3W LEDs
- Watt: 160W
- Raw Lumens: 15600lm
- 1Lux@701m
- Input Voltage: 9-36V DC

Features:

- Reflector Optic system
- Driving Beam
- Integrated ETM Technology
- Approved by ECE R10



Part No.: BLD3705R

LED Driving Light



BLD2306R



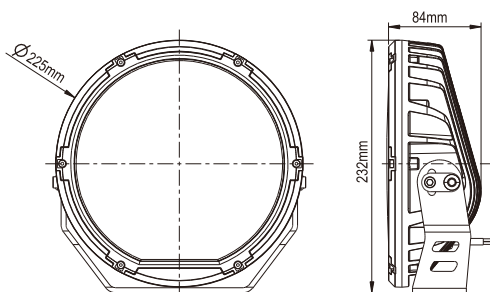
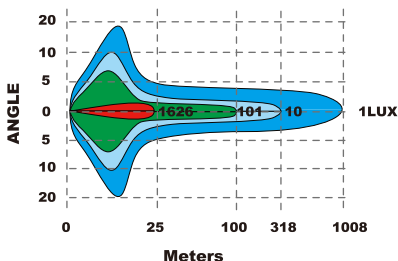
Specifications:

- LEDs: 22pcs*6W+1pcs*20W LED
- Watt: 152W
- Raw Lumens: 14500lm
- 1Lux@1008m
- Input Voltage: 9-36V DC

Features:

- Reflector Optic system
- Spot Beam
- Integrated ETM Technology
- Approved by ECE R10 / CE

SPOT BEAM(OFF ROAD)



Part No.: BLD2306R

SHOWING



LED Driving Light



BL2405S/BL3605S

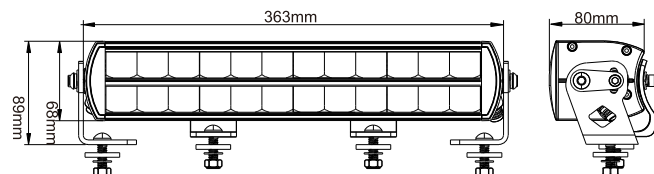


Specifications

- LEDs: 24pcs*5W LED
- Watt: 120W
- Raw Lumens: 10900lm
- 1Lux@605m / 458m / 342m
- Available Beam: Sopt / Combo / Flood
- Input Voltage: 9-36V DC

Features:

- Optic system: Reflector Facing Technology (Light Transmittance>95%)
- Oblique Front Cover Can Prevent Accumulation of Snow, Dust etc.
- Integrated ETM Technology
- Sealed Deutsch Connector
- Approved by ECE R112 / R10 (REF.30)



Part No.: BL2405S

LED Driving Light



SLIM Series

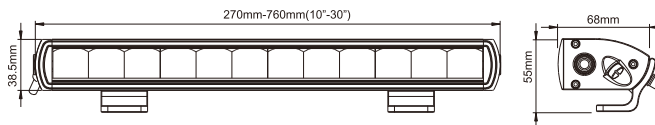


Specifications

- LEDs: 5W LED
- Watt: 45W - 135W
- Input Voltage: 9-36V DC

Features:

- Reflector Facing Technology (Light Transmittance>95%)
- Integrated ETM Technology
- Ultral Narrow Height
- Dual Mount: Bottom / side Bracket
- Approved by ECE R112 / R10 / CE



SLIM Series Driving Bar

PART#	LENGTH	RAW LUMENS	WATTS	BEAM	1Lux@M
BL0905S	10"	4050	45W	Driving Beam	351M
BL1205S	14"	5400	60W	Driving Beam	395M
BL1805S	20"	8100	90W	Driving Beam	480M
BL2705S	30"	12200	135W	Spot/Driving Beam	644M/420M

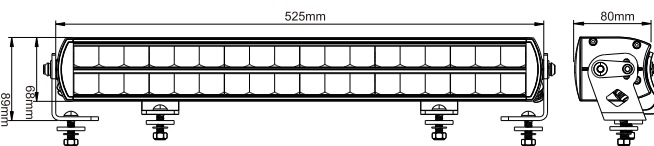


Specifications

- LEDs: 36pcs*5W LED
- Watt: 180W
- Raw Lumens: 16400lm
- 1Lux@710m / 607m / 499m/ 455m
- Available Beam:Sopt / Combo / Flood
- Input Voltage: 9-36V DC

Features:

- Optic System: Reflector Facing Technology (Light Transmittance>95%)
- Oblique Front Cover Can Prevent Accumulation of Snow, Dust etc.
- Integrated ETM Technology
- Sealed Deutsch Connector
- Approved by ECE R112 / R10 (REF.50)



Part No.: BL3605S

SHOWING



LED Driving Light



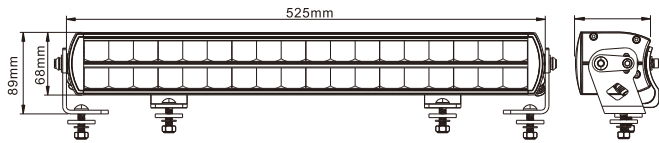
BL3605S4



- Specifications:
- LEDs: 24pcs * 8w LED
 - Watt: 192W
 - Raw Lumens:20500lm
 - Off-road: 1 Lux @ 798M / R112:1 Lux @ 498M
 - Input Voltage: 9-36V DC
 - Available Beam:Driving Beam



- Features:
- Dual Power:Off-road/R112 version available
 - Driving Beam+Dual Park Light(White&Amber)
 - Optic System: Reflector Facing Technology(Light Transmittance>95%)
 - Oblique Front Cover Can Prevent Accumulation of Snow,Dust etc.
 - Integrated ETM Technology(Electronic Thermal Management)
 - Approved by CE / ECE R112 / R10 / R7 (REF. 50)



Part No.: BL3605S4



SHOWING



R112



OFF-ROAD



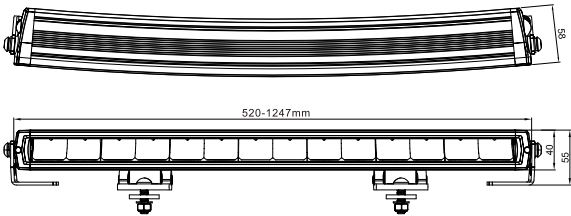
LED Driving Light



CS2 Series



- Specifications:
- LED: 7W LED
 - Watt: 98W-252W
 - Input Voltage: 9-36V DC
 - Reflector Facing Technology (Light Transmittance>95%)
 - Integrated ETM Technology
 - Ultra Narrow Height
 - Dual Mount: Bottom/side Bracket
 - Approved by ECE R112/R10/CE (REF.40/45/50)



SLIM Series Curved Driving Bar

PART#	LENGTH	RAW LUMENS	WATTS	SHAPE	BEAM	1Lux@M
BL1406CS2	20"	8800	98W	Curved	Driving Beam	422M
BL2006CS2	30"	12500	140W	Curved	Driving Beam	442M
BL2806CS2	40"	17500	196W	Curved	Driving Beam	456M
BL3606CS2	50"	22200	252W	Curved	Driving Beam	460M

SHOWING



LED Driving Light

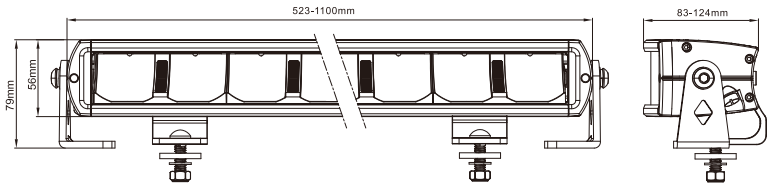


BL1010CS/BL1610CS / BL2210CS



Specifications

- LEDS: 10W LED for driving light
1W LED for Park light
- Watt: 100W-220W
- Input Voltage: 9-36V DC
- Optic System: Reflector Facing Technology (Light Transmittance>95%)
- Driving light + Park light
- Integrated ETM Technology (Electronic Thermal Management)
- Sealed Deutsch Connector
- Approved by ECE R112 / R7 / R10



CS Series LIGHT BAR

PART#	LENGTH	RAW LUMENS	WATTS	SHAPE	BEAM	1Lux@M
BL1010CS	20"	9500	100W	Curved	DRIVING BEAM	425M
BL1610CS	32"	15200	160W	Curved	DRIVING BEAM	480M
BL2210CS	43"	20900	220W	Curved	DRIVING BEAM	512M

SHOWING



LED Driving Light

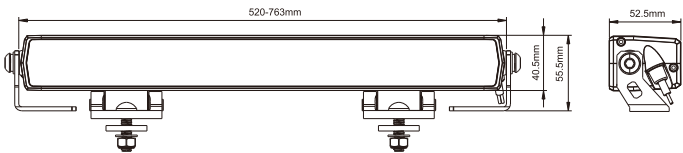


S3-DC/S3-P



Specifications:

- LED: 8W LED
- Watt: 96W-144W
- Dual Temp: 6000K & 3200K
- Input Voltage: 9-36V DC
- Reflector Facing Technology (Light Transmittance>95%)
- Integrated ETM Technology
- Ultra Narrow Height
- Dual Mount: Bottom/side Bracket
- Approved by ECE R112 /R10 /CE



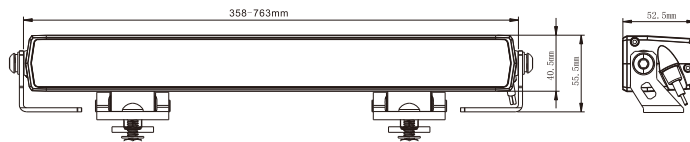
S3-DC Series Driving Bar

PART#	LENGTH	RAW LUMENS	WATTS	BEAM	Color Temperature	1Lux@M
BL1805S3-DC	20"	9600	96W	Driving Beam	6000K	450M
		4800	48W	Driving Beam	3200K	310M
BL2705S3-DC	30"	13000	144W	Driving Beam	6000K	450M
		7200	72W	Driving Beam	3200K	361M



Specifications:

- LED: 8W LED
- Watt:64W-144W
- Input Voltage: 9-36V DC
- Reflector Facing Technology (Light Transmittance>95%)
- Integrated ETM Technology
- Ultra Narrow Height
- Dual Mount: Bottom/side Bracket
- Approved by ECE R112 /R7/R10 /CE



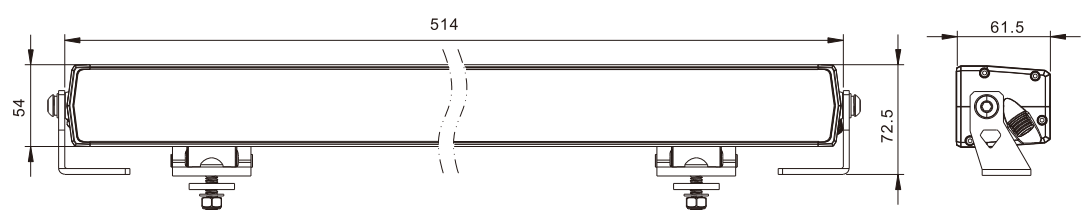
S3-P Series Driving Bar

PART#	LENGTH	RAW LUMENS	WATTS	BEAM	1Lux@M
BL1205S3-P	14"	6400	64W	Driving Beam	399M
BL1805S3-P	20"	9600	96W	Driving Beam	458M
BL2705S3-P	30"	14400	144W	Driving Beam(R112)&Spot Beam	463M/585M

LED Driving Light
BLDC1510S



- Specifications:**
- LEDs: 10pcs * 10W & 5*10W
 - Dual Temp: 6000K & 3200K
 - Watt: 100W (White) & 50W (Amber)
 - Raw Lumens: 11000lm (White) & 8800lm (Amber)
 - 1LUX@435M (White) & 1LUX@363M (Amber)
 - Input Voltage: 9-30V DC
- Features:**
- Optic System: Reflector Facing Technology (Light Transmittance>95%)
 - Integrated ETM Technology(Electronic Thermal Management)
 - Driving Beam+ Park light
 - Approved by ECE R112 / R10 / CE (REF.40 & REF.30)



Part No.: BLDC1510S



SHOWING



LED Driving Light
BL3005BW / BL3005BW-A

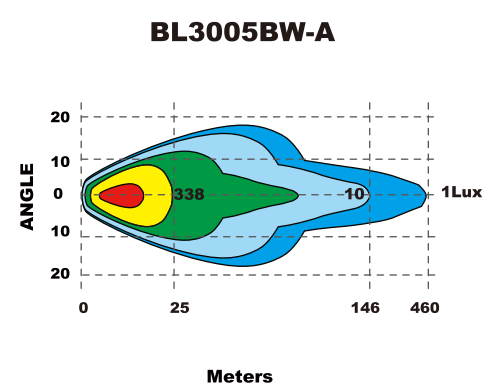
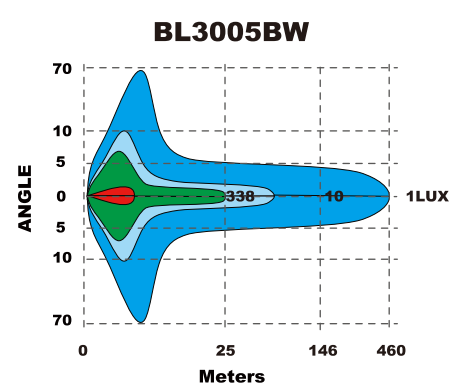
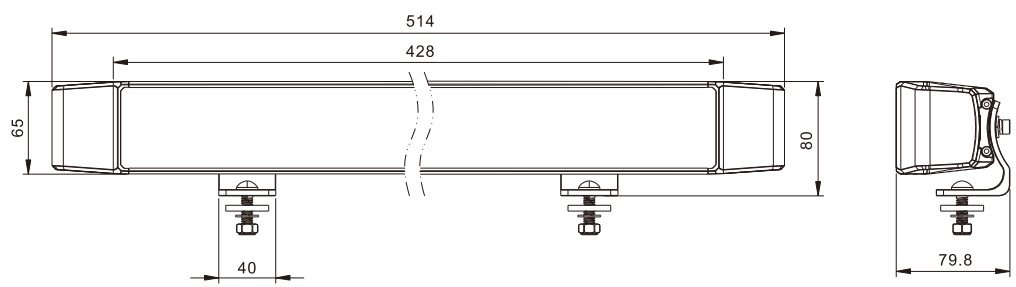


- Specifications:**
- LED: 30 pcs * 5W LED for driving light
 - 4 pcs * 10W LED for side lights (White version)
 - 8 pcs * 3W LED for side lights (Amber version)
 - Watt: 174W and 190W
 - Input Voltage: 9-36V DC
 - Reflector Facing Technology (Light Transmittance>95%)
 - Integrated ETM Technology
 - Sealed Deutsch Connector
 - Approved by ECE R112 / R10 / R65 (REF.40)

Part No.: BL3005BW/BL3005BW-A



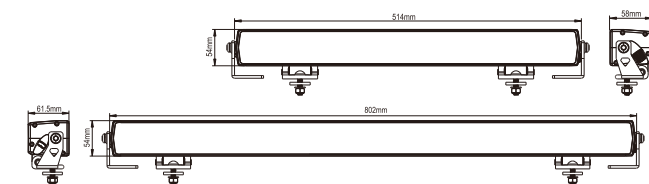
4 pcs * 3W LED for side lights (Amber version)



LED Driving Light



BLWL1015S/BLWL1615S

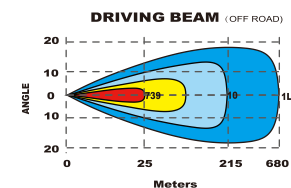
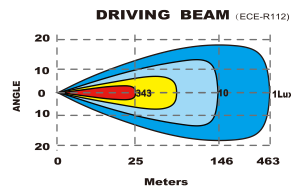


Specifications

- LEDs: 10PCS / 16PCS * 15W
- Watt: 150W-240W
- Input Voltage: 9-36V DC

Features:

- Reflector Facing Technology (Light Transmittance > 95%)
- Integrated ETM Technology
- Combined functions: Driving light, Position light, Warning light
- Three flashing modes for warning light function
- Approved by ECE R112/R7/R65/R10/CE



Multi-functional Driving Light Bar

PARTS	LENGTH	RAW LUMENS	WATTS	BEAM	1Lux@M
BLWL1015S	20"	14000	150W	Driving Beam	470M
BLWL1615S	31"	22000	240W	Driving Beam	463M/680M



SHOWING



LED Head Light



BLHL7R-2 (7")

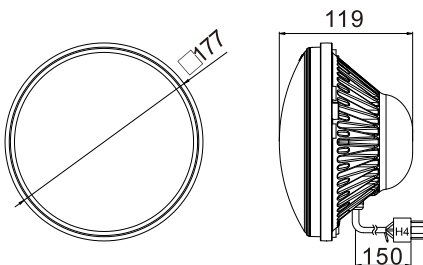


Specifications

- LEDs: Lumileds+Cree LEDs
- High Beam: 54W / Low Beam:24W / DRL: 2.5W
- Raw Lumens: 3900lm / 1800lm (High Beam / Low Beam)
- 1Lux @256m / 187m (High Beam / Low Beam)
- Input Voltage: 9-36V DC
- Left and Right Hand Drive available

Features:

- Optic System: Projection Optical Structure and TIR Optical Lens
- Integrated ETM Technology (Electronic Thermal Management)
- Perfect Cut-Line
- Interiorly designed with anti-flickering function
- H4 Connector
- Approved by ECE R112 / R7 / DOT (AMECA) / CE



Part No.: BLHL7R-2(7")



SHOWING



LED Head Light



BLHL7S(5"x 7")

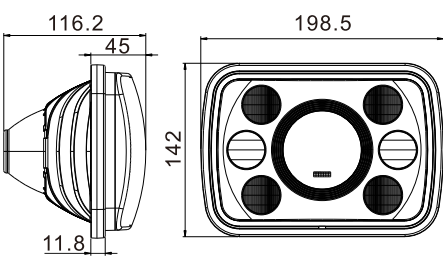


Specifications

- LEDs: Lumileds+Cree LEDs
- High Beam: 38W / Low Beam:24W / DRL:2.5W
- Raw Lumens : 4800lm / 2100lm (High Beam / Low Beam)
- 1 Lux @256m /187m (High Beam / Low Beam)
- Input Voltage: 9-36V DC
- Left and Right Hand Drive available

Features:

- Optic System: Projection Optical Structure and TIR Optical Lens
- Integrated ETM Technology (Electronic Thermal Management)
- Perfect Cut-Line
- Interiorly designed with anti-flickering function
- H4 Connector
- Approved by ECE R112 / R7 / DOT (AMECA) / CE



Part No.: BLHL7S



SHOWING



LED WORK LIGHT

Work lamps are widely applied to every working place of the mining, agriculture, forklift, heavy duty machinery, construction, forest, marine industries etc.

BRTLED work lamps are developed to illuminate the working area as large as possible with uniform light. From 40 degrees to 140 degrees working angle, you can always find the best solution.

CISPR25 CLASS 3/4/5 circuit board design, the highest anti radio interference level, you can install the lights as many as you want and no need to worry about the interference.

LED Work Light



BLW0906R

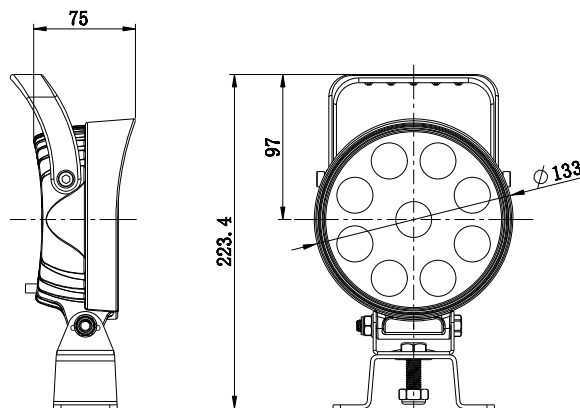


Specifications

- LEDs: 9pcs 6W * LED
- Watt: 54W
- Raw Lumens: 5100lm
- 1 Lux @ 83M
- Input Voltage: 9-36V DC
- Beam pattern: Flood beam (60°)

Features:

- TIR Optical System
- With ON/OFF Switch
- Integrated ETM Technology
- Approved by CE / ECE R10



Part No.: BLW0906R



SHOWING



LED Work Light



BLW2401S/ BLW2401ST

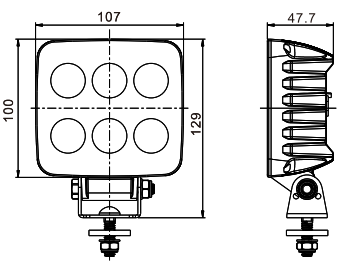


Specifications

- LEDs: 24pcs* 1W LEDs
- Watt: 24W
- Raw Lumens: 2800lm
- 1 Lux @48m
- Input Voltage: 9-36V DC
- Available Beam: Flood Beam (80°)

Features:

- Optic System: Self-developed Bug Eye Lens
- Comply with Ip68
- Integrated ETM Technology(Electronic Thermal Management)
- Approved by CE / ECE R10



Part No.: BLW2401S

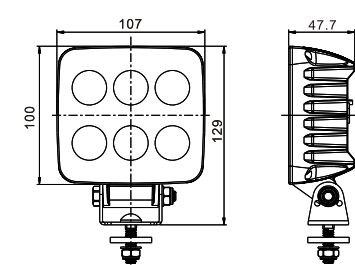


Specifications:

- LEDs: 24pcs * 1w LEDs
- Watt: 24W
- Raw Lumens:2800lm
- 1 Lux @67M
- Input Voltage: 9-36V DC
- Available Beam:Flood Beam(60°)

Features:

- Optic System: Multi-Surface TIR Lens(Lumious Efficiency>99%)
- Comply with Ip68
- Integrated ETM Technology(Electronic Thermal Management)
- Approved by CE / ECE R10



Part No.: BLW2401ST



LED Work Light



BL2415S / BL2415ST



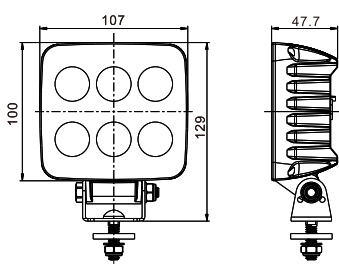
Part No.: BL2415S

Specifications

- LEDs: 24pcs*1.5W LED (LUMILEDS)
- Watt: 35W
- Raw Lumens: 3650lm
- 1Lux @64m
- Input Voltage: 9-36V DC
- Available Beam: Diffused Beam (60°)

Features:

- Optic system: Bug Eye Lens.
- In-Built Deutsch Connector
- EMC: CISPR 25 class4
- Integrated ETM Technology (Electronic Thermal Management)
- Approved by ECE R23 / R10 / CE



LED Work Light



BLW0310R / BLW0410R



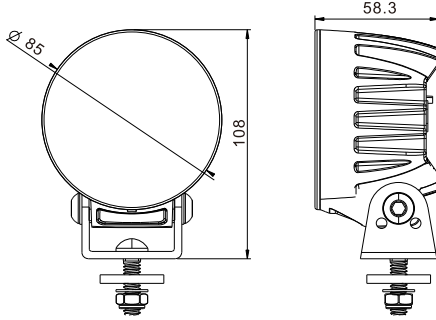
Part No.: BLW0310R

Specifications:

- LEDs:3pcs*10w LED (LP)
- Watt:30w
- Raw Lumens:3300lm
- 1Lux @62m
- Input Voltage: 9-36v DC
- Available Beam : Flood Beam (60°)

Features:

- Optic system: TIR optic lens system (Light Transmittance>95%)
- CISPR 25-CLASS3
- Integrated ETM Technology(Electronic Thermal Management)
- Approved by CISPER 25 / R10 / CE



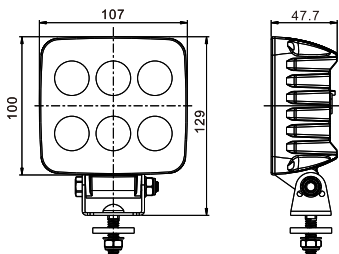
Part No.: BL2415ST

Specifications

- LEDs: 6pcs*6W LED (LUMILEDS)
- Watt:35W
- Raw Lumens: 4200lm
- 1Lux @105m
- Input Voltage: 9-36V DC
- Available Beam: Flood beam (60°)

Features:

- Optic system: Multi-Surface TIR LENS (Luminous Efficiency >99%)
- In-Built Deutsch Connector
- EMC: CISPR 25 class4
- Integrated ETM Technology (Electronic Thermal Management)
- Approved by ECE R10



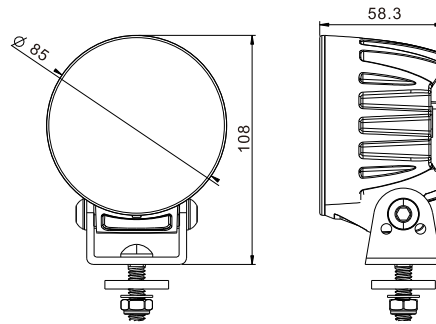
Part No.: BLW0410R

Specifications:

- LEDs:4pcs*10w LED (LP)
- Watt:40w
- Raw Lumens:3800lm
- 1Lux @74m
- Input Voltage: 9-36v DC
- Available Beam : Flood Beam (60°)

Features:

- Optic system: TIR optic lens system (Light Transmittance>95%)
- CISPR 25-CLASS3
- Integrated ETM Technology(Electronic Thermal Management)
- Approved by CISPER 25 / R10 / CE



LED Work Light



BLW0418S/BLW0618S/BLW0818S

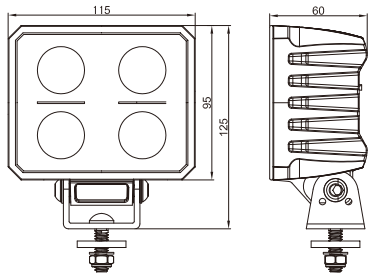


Specifications

- LEDs: 18W LED
- Watt: 72/108/144W
- Raw Lumens: 6400/9600/12800lm
- Input Voltage: 9-36V DC

Features:

- TIR Optical System
- In-Built Deutsch Connector
- EMC: CISPR25
- Integrated ETM Technology
- Approved by CE / ECE R10



SLIM HIGH POWER LED WORK LIGHTS

PART NO.	LENGTH	RAW LUMENS	WATTS	BEAM	BEAM ANGLE
BLW0418S	4.5"	6400	72W	FLOOD BEAM	80°
BLW0618S	5.2"	9600	108W	FLOOD BEAM	80°
BLW0818S	5.9"	12800	144W	FLOOD BEAM	80°



SHOWING



LED Work Light



BLW0220S

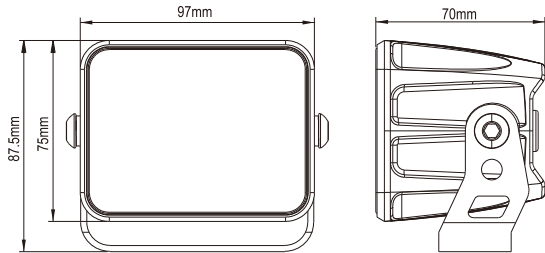


Specifications:

- LEDs: 2pcs * 20W LED for Main Light
4pcs * 3W LED for Warning Light
- Watt: 40W
- Raw Lumens: 3600 lm
- 1 Lux @ 247m / 70m
- Available Beam: Driving Beam (25°) / Flood Beam (55°)
- Input Voltage: 9-36V DC

Features:

- Reflector Optic system
- Combined Functions: Driving Beam / Flood Beam + Warning Light
- Integrated ETM Technology
- Approved by ECE R112/ R65/R23/R10/ SAE-J581/J595/CE



Part No.: BLW0220S



SHOWING



LED Work Light



BLW1005S/BL0610R

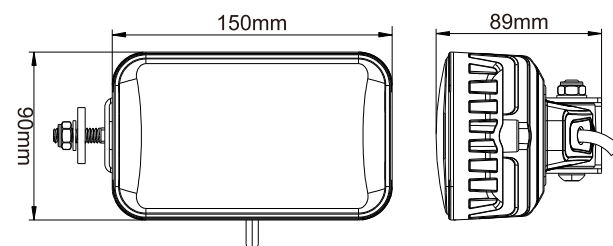


Specifications

- LEDs: 10pcs*6W LED (ETI)
- Watt: 60W
- Raw Lumens: 5600lm
- 1Lux@144m
- Input Voltage: 9-36V DC
- Available Beam: Diffused Beam (100°)

Features:

- "Aspheric Lens" Optical System
- Zero Glare Beam Illumination for More Working Safety
- CISPR25-CLASS4
- Side&Bottom Bracket
- Integrated ETM Technology
- Approved by ECE R10 / CE



Part No.: BLW1005S



Part No.: BL0610R

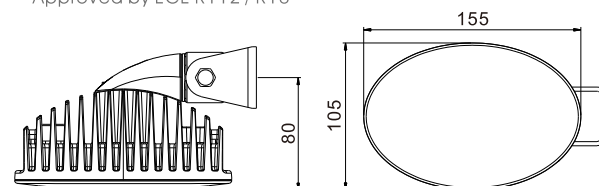


Specifications

- LEDs: 6pcs*10W LED
- Watt: 60W
- Raw Lumens: 6380lm
- 1Lux@301m / 112m
- Input Voltage: 12-60V DC
- Available Beam: Spot Bean (10°,ECE R112), Flood beam (50°)

Features:

- Optic system: Multi-surface TIR Lens (Light Transmittance>95%)
- EMC: CISPR 25 CLASS 4
- Dual Mount
- Approved by ECE R112 / R10



SHOWING



LED Work Light



BLW0803S/BL1201S



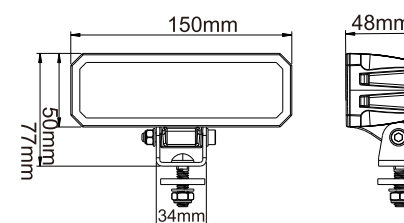
Part No.: BLW0803S

Specifications

- LEDs: 8pcs*3W LED (ETI)
- Watt: 24W
- Raw Lumens: 2600lm
- 1Lux@39m
- Input Voltage: 9-36V DC
- Available Beam: Diffused Beam (140°)

Features:

- Optic system: Mini Fish Eyes Lens
- CISPR 25-CLASS3
- Integrated ETM Technology (Electronic Thermal Management)
- Approved by ECE R23 / R10 / CE

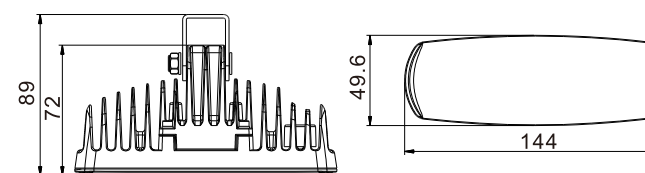


Specifications

- LEDs: 12pcs*1.2W LED (Lumileds LED)
- Watt: 15W
- Raw Lumens: 1960lm
- 1Lux@25m
- Input Voltage: 9-36V DC
- Available Beam : Diffused Beam (60*140°)

Features:

- Optic System: Self-developed mini fish eye optics system (Light Transmittance>95%)
- EMC: CISPR 25 class5
- Integrated ETM Technology (Electronic Thermal Management)
- Approved by ECE R10 / R23



Part No.: BL1201S

SHOWING



LED Work Light

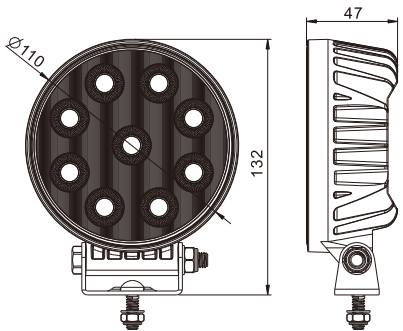


BLW3601R / BLW3601S3

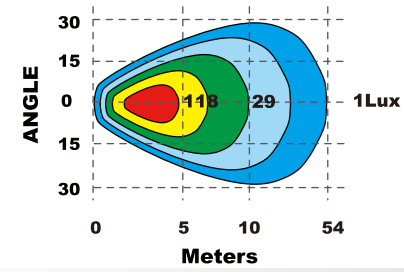


- Specifications:**
- LEDs: 36pcs * 1w LEDs
 - Watt: 36W
 - Raw Lumens:3600lm
 - 1 Lux @54M
 - Input Voltage: 9-36V DC
 - Available Beam:Flood Beam(60°)

- Features:**
- Optic System: Self-developed TIR Lens(Light Transmittance>95%)
 - Comply with Ip68
 - Integrated ETM Technology(Electronic Thermal Management)
 - Approved by CE / ECE R10

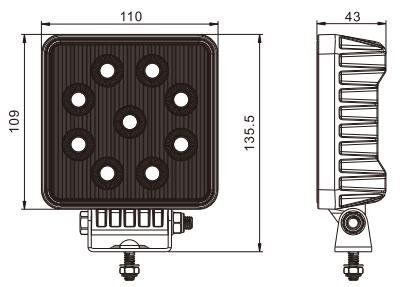


Part No.: BLW3601R

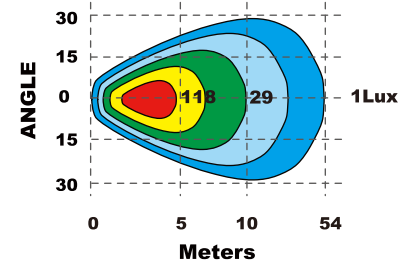


- Specifications:**
- LEDs: 36pcs * 1w LEDs
 - Watt: 36W
 - Raw Lumens:3600lm
 - 1 Lux @54M
 - Input Voltage: 9-36V DC
 - Available Beam:Flood Beam(60°)

- Features:**
- Optic System: Self-developed TIR Lens(Light Transmittance>95%)
 - Comply with Ip68
 - Integrated ETM Technology(Electronic Thermal Management)
 - Approved by CE / ECE R10



Part No.: BLW3601S3



LED Work Light

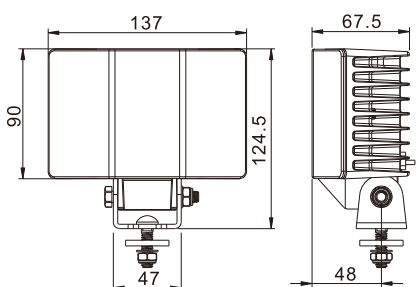


BLW0610S / BLW0910S

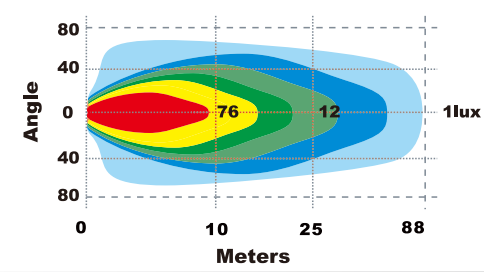


- Specifications:**
- LEDs: 6pcs*10W LED
 - Watt: 60W
 - Raw Lumens: 5700lm
 - 1 Lux @88m
 - Input Voltage: 9-36V DC
 - Available Beam: Diffused Beam (120°)

- Features:**
- "Three In One" Optical System (Patent protection)
 - In-Built Deutsch Connector
 - EMC: CISPR 25 class5
 - Integrated ETM Technology (Electronic Thermal Management)
 - Approved by ECE R10

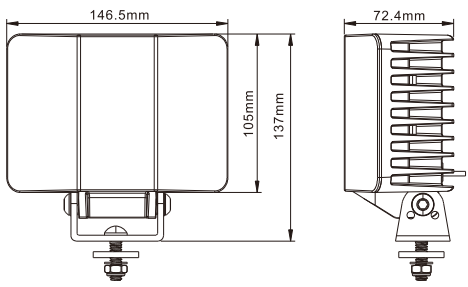


Part No.: BLW0610S

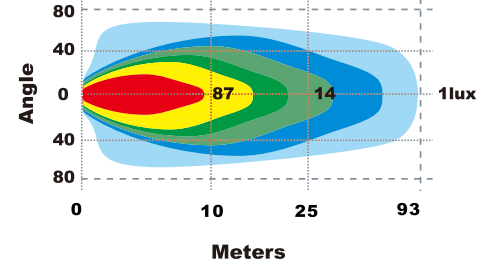


- Specifications:**
- LEDs: 9pcs*10W LED
 - Watt: 90W
 - Raw Lumens: 9500lm
 - 1 Lux @93M/229M
 - Input Voltage: 9-36V DC
 - Available Beam (120°): Flood Beam / Combo Beam

- Features:**
- "Three In One" Optic system (Patent Protection)
 - Integrated ETM Technology
 - Approved by ECE R10 / CE



Part No.: BLW0910S



LED Work Light



BLW0406S/ BLW0806S



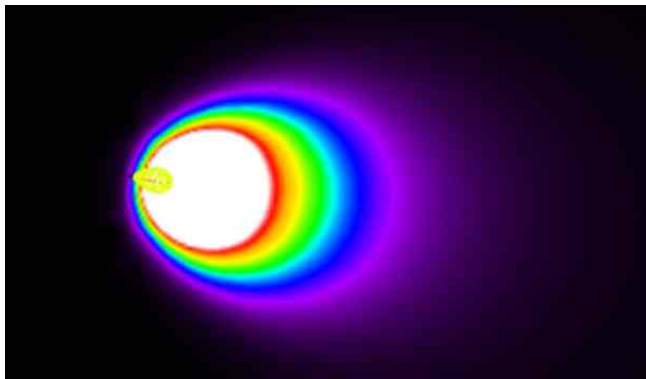
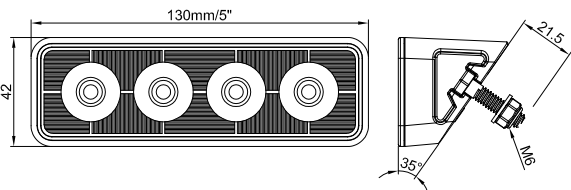
Part No.: BLW0406S

Specifications

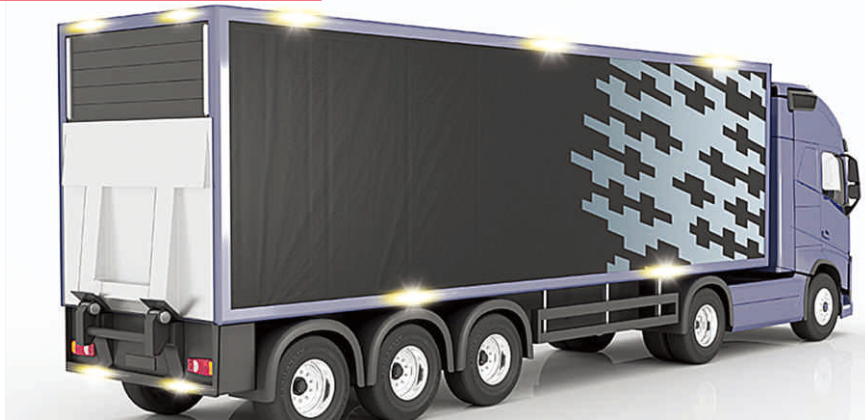
- LEDs: 4pcs*6W LED (LUMILEDS)
- Watt: 24W
- Raw Lumens: 2800lm
- 1Lux @59m
- Input Voltage: 9-36V DC
- Available Beam: Diffused Beam (70°)

Features:

- Optic System: TIR Lens
- Surface Mount (35°& 48°)
- Integrated ETM Technology
- Approved by ECE R23 / R10 / CE



SHOWING

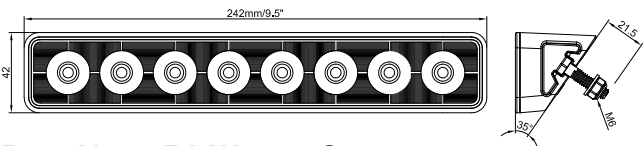


Specifications

- LEDs: 8pcs*6W LED (LUMILEDS)
- Watt: 48w
- Raw Lumens: 5600lm
- 1Lux @80m
- Input Voltage: 9-36V DC
- Available Beam: Diffused Beam (70°)

Features:

- Optic System: TIR Lens
- Surface Mount (35°& 48°)
- Integrated ETM Technology
- Approved by ECE R10 / CE



Part No.: BLW0806S



LED Work Light



BLW0405S/BLW0805S/BLW1205S/BLW1605S



Part No.: BLW0405S

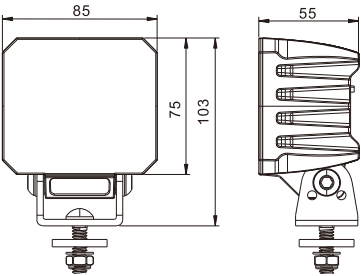


Specifications:

- LEDs: 4pcs * 10w LED (LP)
- Watt: 40W
- Raw Lumens:3800lm
- 1 Lux @273M/67M
- Input Voltage: 9-36V DC
- Available Beam:Spot Beam(10°)/Flood Beam(60°)

Features:

- Optic System: Self-developed TIR Lens(Light Transmittance>95%)
- CISPR 25 – CLASS 3
- Integrated ETM Technology(Electronic Thermal Management)
- Approved by CE / ECE R10

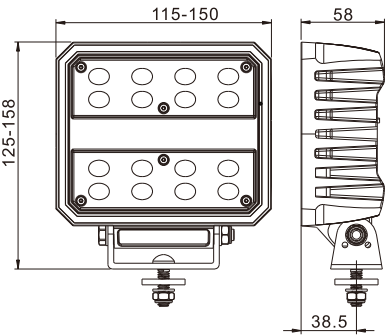


Specifications

- LEDs: 5W LED (OSRAM)
- Watt: 40/60/80W
- Raw Lumen: 4100/6200/8267lm
- Input Voltage: 9-36V DC

Features:

- "Mini Fish Eye" Optical System.
- In-Built Deutsch Connector
- EMC: CISPR 25 class5
- Integrated ETM Technology (Electronic Thermal Management)
- Approved by ECE R10



SLIM LED Work Light

PART#	SIZE	RAW LUMENS	WATTS	BEAM	1Lux@M	BEAM ANGLE
BLW0805S	4.5"	4100	40W	Flood Beam	71M	80°
BLW1205S	5.2"	6200	60W	Flood Beam	79M	100°
BLW1605S	5.9"	8267	80W	Flood Beam	89M	100°



LED LIGHT BAR

People adore the led light bar due to the various fancy designs, as the auxiliary light of the driving beam, BRTLED not only focuses on the innovative outlook design but also pays condensed effort on the high quality finishing and performance.

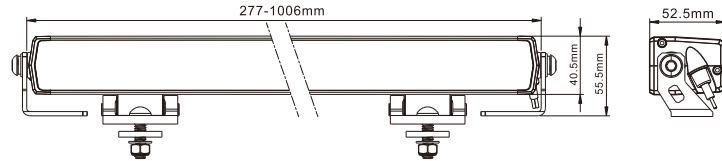
High intensity brands LEDs are adopted on these series, the lights transmittance is more than 95%, with the toughest high quality material, our light bar are approved than can be used on the roughest environment including the 4x4 offroad, construction, heavy duty machinery etc as the driving and working auxiliary light.

LED Light Bar

SLIM Series



- Specifications:
- LED: 5W LED
 - Watt:45W-180W
 - Input Voltage: 9-36V DC
 - Reflector Facing Technology (Light Transmittance>95%)
 - Integrated ETM Technology
 - Ultra Narrow Height
 - Dual Mount: Bottom/side Bracket
 - Approved by ECE R112/R10/CE

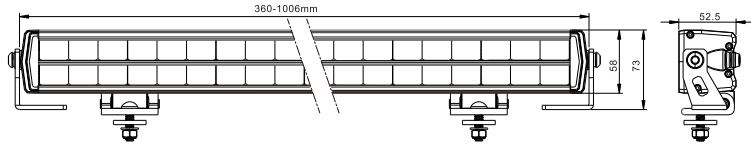


SLIM Series Driving Bar

PART#	LENGTH	RAW LUMENS	WATTS	SHAPE	BEAM	1Lux@M
BL0905S3	10"	4100	45W	Straight	Spot/Driving Beam	360M/307M
BL1205S3	14"	5400	60W	Straight	Driving Beam	394M
BL1805S3	20"	8100	90W	Straight	Driving Beam	448M
BL2705S3	30"	12200	135W	Straight	Spot/Driving Beam	644M/491M
BL3605SR3	40"	16300	180W	Straight	Spot/Combo Beam	648M/630M



- Specifications:
- LED: 5W LED
 - Watt:120W-360W
 - Input Voltage: 9-36V DC
 - Reflector Facing Technology (Light Transmittance>95%)
 - Integrated ETM Technology
 - Ultra Narrow Height
 - Dual Mount: Bottom/side Bracket
 - Approved by ECE R112/R10/CE



Double Row Series Light Bar

PART#	LENGTH	RAW LUMENS	WATTS	SHAPE	BEAM	1Lux@M
BL2405S3	14"	10800	120W	Straight	Spot/Flood/Combo	570M/388M/502M
BL3605S3	20"	16200	180W	Straight	Spot/Flood/Combo	695M/395M/472M
BL5405S3 (Single Power)	30"	24300	270W	Straight	Spot/Flood/Combo	898M/614M/705M
BL5405S3 (Dual Power)	30"	24300/12150	270W/135W	Straight	ECE R112/Off Road	466M/673M
BL7205S3	40"	32400	360W	Straight	Combo	863M

LED Light Bar



SX Series



- Specifications**
- LED: 10W OSRAM LED
 - Watt: 40W-320W
 - Input Voltage: 9-36V DC
 - Dual Mount: Bottom/Side Bracket
 - Optic System: TIR Optic Lens (Light Transmittance>95%)
 - Integrated ETM Technology (Electronic Thermal Management)
 - Sealed Deutsch Connector
 - Approved by ECE R112/R10/CE



SX Series LIGHT BAR

PART#	LENGTH	RAW LUMENS	WATTS	SHAPE	BEAM	1Lux@M
BL0410SX	7.5"	4140	40W	Straight	Spot/Flood	288M/177M
BL0810SX	13.8"	8280	80W	Straight	Spot/Flood/Combo	292M/250M/337M
BL1210SX	20"	12420	120W	Straight /Curved	Spot/Flood/Combo	498M/308M/445M
BL1610SX	26.4"	16560	160W	Straight /Curved	Spot/Flood/Combo	575M/354M/531M
BL2410SX	39"	24840	240W	Straight /Curved	Spot/Flood/Combo	704M/434M/628M
BL3210SX	51"	33120	320W	Straight /Curved	Spot/Flood/Combo	834M/554M/734M

SHOWING



Accessories



BLWH25 / BLWH13 / Spring Cable / Magnetic Base



BLWH25:

- ☐Wiring Harness
- ☐Length: 3.0 meters at AWG12# wiring.
- ☐Include: A Relay(40A), A Fuse box (30A) ,A Deutsch connector (25A)
- ☐The switch comes with an indicator light
- ☐The Deutsch connector can afford the maximum watt of light at 300W
- ☐Remote switch with flash function for the light is available

Tube Clamp

- ☐Diameter: 50mm, 64mm and 75mm are available
- ☐Material: 6063 extruded Aluminum

BLWH13:

- ☐Length: 3.0 meters at AWG12# wiring.
- ☐Include: A Relay(40A), A Fuse box (30A) , 2 pcs of Deutsch connectors(13A)
- ☐Could connect with two lights at the same time
- ☐The switch comes with an indicator light
- ☐Each Deutsch connector can afford the maximum watt of light at 120W
- ☐Notes: Total watt of two lights should be no more than 240W.

High beam inductor control box

- ☐Help all auxiliary driving lights switch on and off automatically with the car's original high beam.